

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-15
Relating to Certification of New Motor Vehicles Engines

DAIMLER-BENZ AKTIENGESELLSCHAFT

Pursuant to the authority vested in the Air Resources Board by Sections 39018, 39600, 39601, 43101, and 43102 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Daimler-Benz Aktiengesellschaft 1976 model-year diesel-powered engines in heavy-duty motor vehicles are certified for the engine family described below:

<u>Engine Family</u>	<u>Engine Size CID</u>	<u>Engine Model</u>	<u>Type</u>
II	230.7	OM 314	Inline 4-Natural Aspiration

Section 43200, Part I, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

The following are the recommended values to be listed on the decal:

<u>Engine Family</u>	<u>Hydrocarbon plus Nitrogen Dioxide grams/brake horsepower-hour</u>	<u>Carbon Monoxide grams/brake horsepower-hour</u>
II	7	5

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 27 day of January, 1976.


G. C. Hass, Chief
Division of Vehicle Emissions Control

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1976 MODEL YEAR
HEAVY-DUTY DIESEL ENGINES

MANUFACTURER: DAIMLER-BENZ AKTIENGESELLSCHAFT

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Engine Family	Engine Models	Engine CID	Method of Aspiration *	Fuel Pump Mfgr. Part No.	Injectors Mfgr. Part No.	Tune-Up Specification		Remarks (Emission System)
						Max Rated H.P. and RPM	Initial Injec- tion Timing	
II	OM314	230.7	N.A.	Robert Bosch A.G. PES 4A 90D 410RS 2294	Robert Bosch A.G. DLLA 159S 187	80 HP @ 2800 RPM	14° BTDC	Fuel Rate (1) 54.5- 57 (2) 32.9- 35.7

Abbreviations:

*N.A. - Natural Aspiration
T.C. - Turbocharged.
T.C.A. - Turbocharged and After-cooled.

Fuel Rate at Maximum Horsepower
(1) $\frac{\text{mm}^3}{\text{stroke}}$
(2) lbs/hour